

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,057,999 B2

Page 1 of 1

APPLICATION NO. : 09/764158

DATED : June 6, 2006

INVENTOR(S) : Young-min Cheong et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 14, line 43, change "680 mn" to -- 680 nm --

Column 16, line 32, change "lease" to -- least --

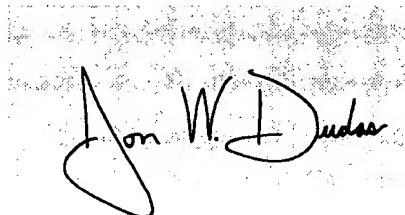
Column 20, lines 30-31 change

"the VCSEL emits light along a optical axis along the surface of the substrate" to
-- the VCSEL emits light along a optical axis transverse to a surface of the substrate;
and the photodetector is offset from the optical axis along the surface of the substrate. --

Column 20, lines 32-38 delete "54. The optical head of claim 53, wherein the photodetector surrounds the VCSEL. 55. The optical head of claim 53, wherein: the VCSEL emits light along a optical axis transverse to a surface of the substrate; and the photodetector is offset from the optical axis along the surface of the substrate."

Signed and Sealed this

Third Day of April, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office